

(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-839 (18971)	Serial Number: 10/687,270
	Applicant: MacDonald et al.	
	Filing Date: October 16, 2003 Confirmation No: 9987	Group Art Unit: 3735

/BN/	Article – <i>Standard Practice for Obtaining Spectrometric Data for Object-Color Evaluation</i> , Published by <i>ASTM International</i> , Designation: E 1164-02, 2003		
/BN/	Bischoff, R., Moenke-Wedler, T., Bischoff, G., (2000), "On-line detection of volatile compounds in human breath", <i>4th European Congress of Oto-Rhino Laryngology, head and neck surgery</i> , pp1369-1375		
/BN/	Diskin, A.M., Spanel, P., Smith, D., (2003), "Increase of acetone and ammonia in urine headspace and breath during ovulation quantified using selected ion tube mass spectrometry" <i>Physiological Measurement</i> , 24 , 191-199		
/BN/	Felton, M.J., (2004), "Sniffing Sinusitis" <i>Today's Chemist At Work</i> , June 2004 (http://www.tcawonline.org)		
/BN/	Horvath, I., Loukides, S., Wodehouse, T., et al, (1998), "Increased levels of exhaled carbon monoxide in bronchiectasis, a new marker of oxidative stress", <i>Thorax</i> , 53 , 867-870		
/BN/	Ito, S., Kohli, Y., Kato, T., Abe, Y., Ueda, T. (1994), "Significance of ammonia produced by <i>helicobacter pylori</i> " <i>European Journal of Gastroenterology & Hepatology</i> , 6 , 167-174.		
/BN/	Lemoyne, M., Van Gossum, A., Kurian, R., Ostro, M., Axler, J., Jeejeebhoy, K.N., (1987), "Breath pentane analysis as an index of lipid peroxidation, a functional test of vitamin E status" <i>American Journal of Clinical Nutrition</i> , 46 , 267-272		
/BN/	Loweit, K., Hoppichler, F., Leder Müller, G., (1990), "Ovulation prediction from cyclic changes in salivary electrical conductivity." <i>American Journal of Obstetrics and Gynecology</i> , 163 (2), 708-710.		
/BN/	Megraud, F. et al., (2005), "Comparison of non-invasive tests to detect <i>helicobacter pylori</i> infection in children and adolescents, results of a multicenter European study" <i>Journal of Pediatrics</i> , 146 , 198-203		
/BN/	Philips, M., Greenburg, J., (1992), "Ion-trap detection of volatile organic compounds in alveolar breath" <i>Clinical Chemistry</i> , 38 , 60-65		
/BN/	Prout, R.E., et al, (1970) <i>A Relationship Between Human Oral Bacteria and the Menstrual Cycle</i> , <i>The Journal of Periodontology</i> , pp 30-33		
/BN/	Rea, J., Williams, D., (2002), "Shaping exhale durations for breath CO detection for men with mild mental retardation" <i>Journal of Applied Behavior Analysis</i> , 35 , 415-418		
/BN/	Queiroz, C.S., Hayacibara, M.F., Tabchoury, C.P., Marcondes, F.K., Cury, J.A., (2002), "Relationship between stressful situations, salivary flow rate and oral volatile sulfur-containing compounds" <i>European Journal of Oral Sciences</i> , 110 , 337-340		
/BN/	Sehnert, S.S., Jiang, L., Burdick, J.F., Risby, T.H., (2002), "Breath biomarkers for detection of human liver diseases, preliminary study" <i>Biomarkers</i> , 7 , 174-187		
/BN/	Skelley, D.S., (2000), "E-nose technologies promise new diagnostic instruments" <i>IVD Technology</i> , January-February issue		
/BN/	Springfield, J.R., Levitt, M.D., (1994), "Pitfalls in the use of breath pentane measurements to assess lipid peroxidation" <i>Journal of Lipid Research</i> , 35 , 1497-1504		
/BN/	Tonzetich, J., Preti, G., Huggins, G.R., (1978A), "Changes in Concentration of Volatile Sulfur Compounds of Mouth Air during the Menstrual Cycle" <i>Journal of International Medical Research</i> , 6 , 245-254		
/BN/	Tonzetich, J., (1978B), "Oral malodour: an indicator of health status and oral cleanliness" <i>International Dental Journal</i> , 28 , 309-19		
/BN/	de Winder-de Groot, K.M., van der Ent, C.K., Prins, I., Tersmette, J.M., Uiterwaal, C.S.P.M., (2005), "Exhaled nitric oxide, the missing link between asthma and obesity" <i>Journal of Allergy and Clinical Immunology</i> , 115 , 419-420		

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/BN/	Yamaya, M., Sekizawa, K., Ishizuka, S., et al, (1998), "Increased carbon monoxide in exhaled air of subjects with upper respiratory tract infections", <i>Journal of Respiratory Critical Care Medicine</i> , 158, 311-314		
/BN/	Zayasu, K., Sekizawa, K., Okinaga, S. et al, (1997), "Increased carbon monoxide in exhaled air of asthmatic patients", <i>Journal of Respiratory Critical Care Medicine</i> , 156, 1140-1143		
EXAMINER /Robert Nasser/		DATE CONSIDERED 09/17/2007	
Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER								ISSUE DATE	COPY NOTE
/BN/	Auchincloss	4	7	7	7	0	1	8		10/11/1988	5
	Bäther	4	8	4	4	8	6	7		07/04/1989	5
	Hamilton	4	9	4	7	8	6	1		08/14/1990	5
	Grigor et al.	5	8	3	3	9	5	2		11/10/1998	5
	D'Angelo et al.	5	9	8	9	8	4	0		11/23/1999	5
	Marshall	6	2	2	8	6	0	5		05/08/2001	5
	Ito et al.	6	3	1	2	9	1	8		11/06/2001	5
	Brinton et al.	6	3	9	1	2	6	2		05/21/2002	5
	Duan et al.	6	4	0	6	6	6	9		06/18/2002	5
	Marshall	6	4	7	9	2	7	8		11/12/2002	5
	Ratcliff et al.	6	5	0	9	1	6	9		01/21/2003	5
	Freadman et al.	6	5	8	9	7	6	1		07/08/2003	5
	Springer et al.	6	6	1	7	4	8	8		09/09/2003	5
	Ignacio et al.	6	7	0	6	5	3	7		03/16/2004	5
	Scaringe et al.	6	8	2	5	0	4	0		11/30/2004	5
	Hubbard et al.	7	0	1	4	6	1	2		03/21/2006	5
	Melker et al.	7	0	5	2	8	5	4		05/30/2006	5
/BN/	Braun	7	1	0	1	3	4	0		09/05/2006	5

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER	PUBLICATION DATE	COPY NOTE
/BN/	Polak et al.	2002 0 1 8 2 6 5 8 A1	12/05/2002	5
	Patel	2003 0 2 1 1 6 1 8 A1	11/13/2003	5
	Boga et al.	2005 0 1 9 1 7 0 4 A1	09/01/2005	5
	Boga et al.	2005 0 1 2 4 0 7 2 A1	06/09/2005	5
/BN/	Song et al.	2006 0 0 0 3 3 3 6 A1	01/05/2006	5

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION	COPY NOTE
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EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	COPY NOTE
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U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
		Davis	R	E	3	0	7	9	7	11/17/1981	5
		Davis	R	E	3	0	8	0	3	11/24/1981	5
		Tratnyek	4	4	0	7	9	6	0	10/04/1983	5
		Aoyama, et al.	4	9	7	8	6	1	5	12/18/1990	5
		Watanabe, et al.	4	9	8	8	5	0	5	01/29/1991	5
		Kavassalis, et al.	5	2	0	9	9	9	8	05/11/1993	5
		Abe, et al.	5	3	4	2	8	7	6	08/30/1994	5
		Law, et al.	5	3	9	7	6	6	7	03/14/1995	5
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		El-Shall, et al.	5	5	8	0	6	5	5	12/03/1996	5
		Matijevic, et al.	5	8	7	1	8	7	2	02/16/1999	5
		Abe, et al.	5	9	8	9	5	1	0	11/23/1999	5
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		Weinstrauch	6	1	7	7	6	0	8	01/23/2001	5
		Law, et al.	6	1	9	0	8	1	4	02/20/2001	5
		Oldenburg, et al.	6	3	4	4	2	7	2	02/05/2002	5
		Hoshino, et al.	6	3	5	8	5	3	7	03/19/2002	5
		Wellinghoff, et al.	6	4	1	0	7	6	5	06/25/2002	5
		Bosch, et al.	6	4	2	8	8	1	4	08/06/2002	5
		Wu, et al.	6	4	6	7	8	9	7	10/22/2002	5
		Tan, et al.	6	5	4	8	2	6	4	04/15/2003	5
		Raymond, et al.	6	5	7	8	5	2	1	06/17/2003	5

U.S. PATENT APPLICATION PUBLICATIONS												
EXAMINER INITIALS		APPLICANT'S NAME	PUBLICATION NUMBER							PUBLICATION DATE	COPY NOTE	
		Kolb, et al.	0	1	2	8	3	3	6	09/12/2002	5	

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		EP	0	5	1	0	6	1	9	A1	10/28/1992			X	
		WO	8	9	0	2	6	9	8	A1	04/06/1989			X	
		WO	9	1	1	2	0	2	9	A1	08/22/1991			X	
		WO	9	1	1	2	0	3	0	A1	08/22/1991			X	
		WO	9	1	1	1	9	7	7	A1	08/22/1991			X	
		WO	9	6	1	9	3	4	6	A2 & A3	06/27/1996			X	

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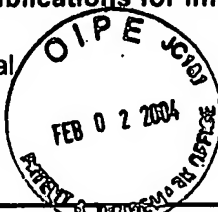
EXAMINER INITIALS	OTHER DOCUMENTS		COPY NOTE
	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication		
A		Article – <i>Adsorption of Dyes on Nanosize Modified Silica Particles</i> , Guangwei Wu, Athanasia Koliadima, Yie-Shein Her, and Egon Matijevic, <i>Journal of Colloid and Interface Sciences</i> , Vol. 195, 1997, pp. 222-228	
		Article – <i>Adsorption of Proteins and Antibiotics on Porous Alumina Membranes</i> , Yi Hua Ma, Aseem Bansal, and William M. Clark, <i>Fundamentals of Adsorption</i> , Vol. 80, 1992, pp. 389-396	
		Product Information Sheet for Snowtex®, 6 pages, 7/01/03	
		Article – <i>Significance of Ammonia in the Genesis of Gastric Epithelial Lesions Induced by Helicobacter pylori: An in vitro Study with Different Bacterial Strains and Urea Concentrations</i> , P. Sommi, V. Ricci, R. Fiocca, M. Romano, K.J. Ivey, E. Cova, E. Solcia, and U. Ventura, <i>Digestion</i> , Vol. 57, 1996, pp. 299-304	
		Article – <i>Ammonia vapour in the mouth as a diagnostic marker for Helicobacter pylori infection: preliminary "proof of principle" pharmacological investigations</i> , C. D. R. Dunn, M. Black, D. C. Cowell, C. Penault, N. M. Ratcliffe, R. Spence, and C. Teare, <i>British Journal of Biomedical Science</i> , Vol. 58, 2001, pp. 66-76	

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	Article – <i>Purification and Characterization of Urease from Helicobacter pylori</i> , Bruce E. Dunn, Gail P. Campbell, Guillermo I. Perez-Perez, and Martin J. Blaser, The Journal of Biological Chemistry, Vol. 265, No. 16, June 5, 1990, pp. 9464-1990		
	Article – <i>Validation of ¹³C-Urea Breath Test for the Diagnosis of Helicobacter Pylori Infection in the Singapore Population</i> , T. S. Chua, K. M. Fock, E. K. Teo, T. M. Ng, Singapore Medical Journal, Vol. 43, No. 8, 2002, pp. 408-411		
	Article – <i>Significance of ammonia produced by Helicobacter pylori</i> , Shigeji Ito, Yoshihiro Kohli, Takuji Kato, Yoshimichi Abe, and Takashi Ueda, European Journal of Gastroenterology & Hepatology, Vol. 6, No. 2, 1994, pp. 167-174		
	Article – <i>Spectrophotometric Assay of Thiols</i> , Peter C. Jocelyn, Methods in Enzymology, Vol. 142, 1987, pp. 44-67		
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Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.			

List of Patents and Publications for Information Disclosure Statement

Applicant(s): J.G. MacDonald et al. Docket 18971
 Serial No.: 10/687,270 Group:
 Filed: October 16, 2003 Examiner:



U.S. PATENT DOCUMENTS							
Initials		Doc. No.	Date	Name	Class	Subclas	Filing Date
m	A1	Re. 32,649	4/1988	Brandt et al.	1	1	
	A2	2,015,864	10/1935	Müller et al.	1	1	
	A3	2,593,146	4/1952	Howard	1	1	
	A4	3,266,973	8/1966	Crowley	1	1	
	A5	3,338,992	8/1967	Kinney	1	1	
	A6	3,341,394	9/1967	Kinney	1	1	
	A7	3,381,688	5/1968	Satas	1	1	
	A8	3,494,821	2/1970	Evans	1	1	
	A9	3,502,538	3/1970	Petersen	1	1	
	A10	3,502,763	3/1970	Hartmann	1	1	
	A11	3,542,615	11/1970	Dobo et al.	1	1	
	A12	3,692,618	9/1972	Dorschner et al.	1	1	
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	A15	3,919,437	11/1975	Brown et al.	1	1	
	A16	3,971,665	7/1976	Suzuki et al.	1	1	
	A17	4,006,030	2/1977	Yoshida et al.	1	1	
	A18	4,041,203	8/1977	Brock et al.	1	1	
	A19	4,078,029	3/1978	Yoshida et al.	1	1	
	A20	4,100,324	7/1978	Anderson et al.	1	1	
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	A22	4,144,370	3/1979	Boulton	1	1	
	A23	4,172,781	10/1979	Walk et al.	1	1	
	A24	4,313,820	2/1982	Farha, Jr. et al.	1	1	
	A25	4,340,563	7/1982	Appel et al.	1	1	
	A26	4,375,448	3/1983	Appel et al.	1	1	
	A27	4,467,012	8/1984	Pedersen et al.	1	1	
	A28	4,469,746	9/1984	Weisman et al.	1	1	
	A29	4,488,969	12/1984	Hou	1	1	
	A30	4,494,278	1/1985	Kroyer et al.	1	1	
	A31	4,494,629	1/1985	Raeburn	1	1	
	A32	4,517,308	5/1985	Ehlenz et al.	1	1	
	A33	4,522,203	6/1985	Mays	1	1	
	A34	4,525,410	6/1985	Hagiwara et al.	1	1	
m	A35	4,575,556	3/1986	Byrne et al.	1	1	

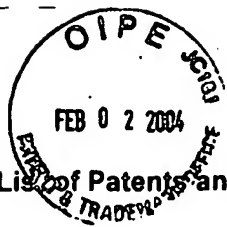


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Group:
Examiner:

A36	4,604,313	8/1986	McFarland et al.	
A37	4,640,810	2/1987	Laursen et al.	
A38	4,643,801	2/1987	Johnson	
A39	4,655,757	4/1987	McFarland et al.	
A40	4,701,218	10/1987	Barker et al.	
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A42	4,725,415	2/1988	Kidd	
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A53	4,969,457	11/1990	Hubbard et al.	
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A55	5,057,302	10/1991	Johnson et al.	
A56	5,064,473	11/1991	Kubo et al.	
A57	5,100,581	3/1992	Watanabe et al.	
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A60	5,122,418	6/1992	Nakane et al.	
A61	5,133,803	7/1992	Moffatt	
A62	5,145,518	9/1992	Winnik et al.	
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A64	5,169,706	12/1992	Collier, IV et al.	
A65	5,178,931	1/1993	Perkins et al.	
A66	5,183,656	2/1993	Uesaka et al.	
A67	5,188,885	2/1993	Timmons et al.	
A68	5,196,177	3/1993	Watanabe et al.	
A69	5,204,429	4/1993	Kaminsky et al.	
A70	5,220,000	6/1993	Theodoropoulos	
A71	5,221,497	6/1993	Watanabe et al.	
A72	5,225,374	7/1993	Fare et al.	



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✓	A73	5,230,953	7/1993	Tsugeno et al.		
	A74	5,238,518	8/1993	Okubi et al.		
	A75	5,266,289	11/1993	Tsugeno et al.		
	A76	5,284,703	2/1994	Everhart et al.		
	A77	5,292,868	3/1994	Subramanian		
	A78	5,294,717	3/1994	Theodoropoulos		
	A79	5,300,365	4/1994	Ogale		
	A80	5,322,061	6/1994	Brunson		
	A81	5,332,432	7/1994	Okubi et al.		
	A82	5,338,713	8/1994	Takagi et al.		
	A83	5,350,624	9/1994	Georger et al.		
	A84	5,382,400	1/1995	Pike et al.		
	A85	5,383,450	1/1995	Hubbard et al.		
	A86	5,407,442	4/1995	Karapasha		
	A87	5,407,600	4/1995	Ando et al.		
	A88	5,427,844	6/1995	Murai et al.		
	A89	5,429,628	7/1995	Trinh et al.		
	A90	5,451,450	9/1995	Erderly et al.		
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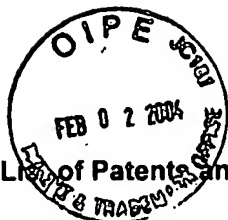


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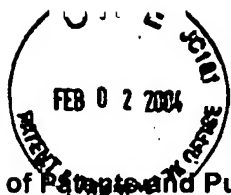


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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with your next communication.

Examiner:

Nasser

Date Considered:

9/17/07